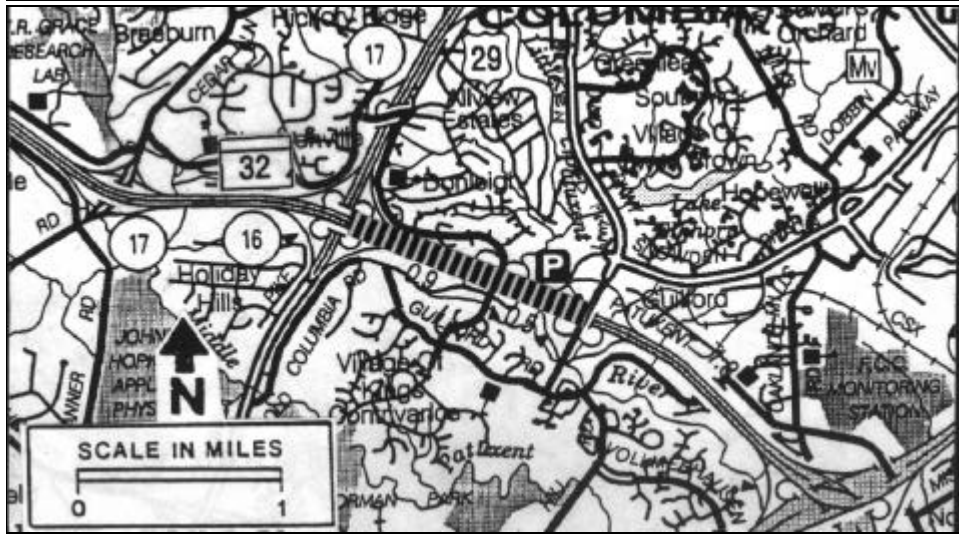


STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 1

PRIMARY CONSTRUCTION PROGRAM



PROJECT: MD 32, Patuxent Freeway

DESCRIPTION: Upgrade and widening of eastbound MD 32 from US 29 to Broken Land Parkway (2.22 miles).

JUSTIFICATION: This project will relieve existing traffic congestion in this heavily traveled commuter corridor.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

ASSOCIATED IMPROVEMENTS:

MD 32, MD 108 to I-70 (D&E Program)

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Construction underway and to be funded by Howard County at a cost of approximately \$4.7 million. Construction funding shown is for SHA Construction Inspection. SHA to reimburse County for improvements to the bridge at the Little Patuxent River.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: None.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☒ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	647	547	100	0	0	0	0	0	100	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	204	0	69	110	25	0	0	0	204	0
Total	851	547	169	110	25	0	0	0	304	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - Principal Arterial

FEDERAL - Freeway - Expressway

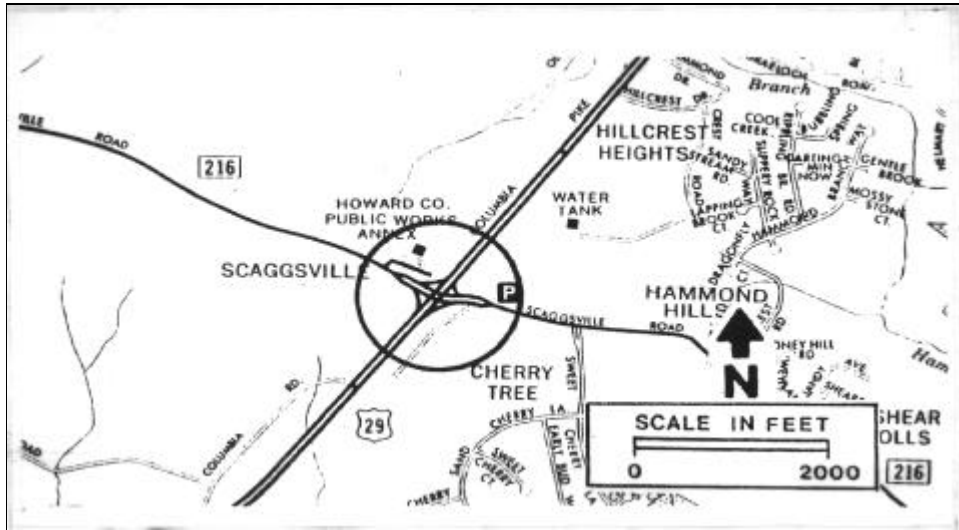
STATE SYSTEM : Primary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 81,000

PROJECTED (2020) - 105,500

OPERATING COST IMPACT: \$2,800 per year



PROJECT: US 29, Columbia Pike

DESCRIPTION: Construct new interchange at MD 216. Includes sidewalks on MD 216 where appropriate. Wide curb lanes on MD 216 will accommodate bicycles.

JUSTIFICATION: The existing at-grade intersection is unable to handle the high traffic volumes resulting from development in the area. Peak hour operation on US 29 is congested.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input checked="" type="checkbox"/> Grandfathered | |

ASSOCIATED IMPROVEMENTS:

US 29, Interchange at John Hopkins / Gorman Roads (Construction Program)
MD 216 Relocated, I-95 to US 29 (Construction Program)

STATUS: Construction underway. Howard County to fund 50 percent of Engineering, Right-of-way and Construction at a cost of approximately \$10.0 million. The funding shown is SHA share only.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: None.

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	1971	784	0	0	0	NHS

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☒ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,088	2,088	0	0	0	0	0	0	0	0
Right-of-way	1,122	1,022	100	0	0	0	0	0	100	0
Construction	8,992	5,510	2,502	980	0	0	0	0	3,482	0
Total	12,202	8,620	2,602	980	0	0	0	0	3,582	0
Federal-Aid	7,139	4,384	1,971	784	0	0	0	0	2,755	0

FUNCTION :

STATE - Principal Arterial

FEDERAL - Freeway - Expressway

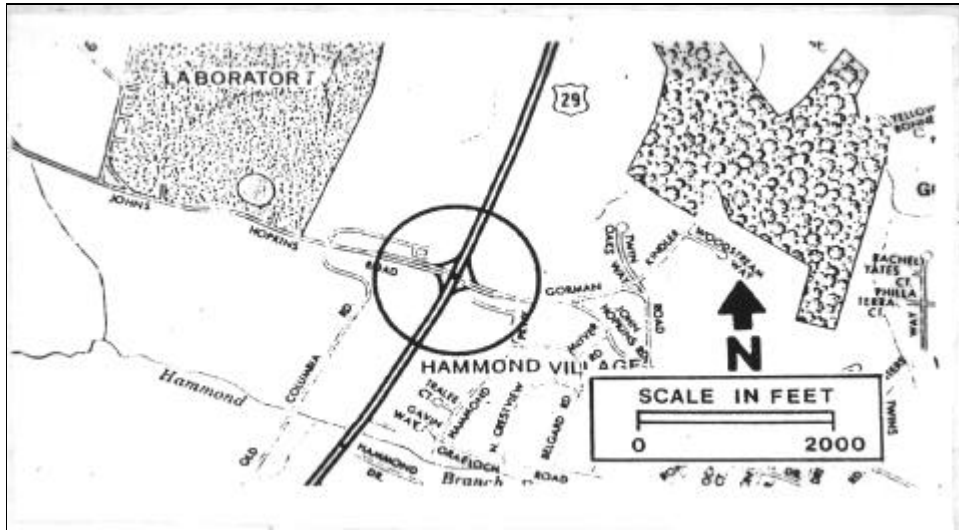
STATE SYSTEM : Primary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 45,000 (US 29)
16,500 (existing MD 216)

PROJECTED (2020) - 80,500 (US 29)
46,500 (MD 216 Rel)

OPERATING COST IMPACT: \$14,000 per year



PROJECT: US 29, Columbia Pike

DESCRIPTION: Construct a new interchange at Johns Hopkins / Gorman Roads. Wide curb lanes on Johns Hopkins & Gorman Roads will accommodate bicycles, and sidewalks are included where appropriate.

JUSTIFICATION: The existing at-grade intersection is unable to handle the high traffic volumes resulting from development in the area. Peak hour operation on US 29 is congested.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☒ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

US 29, Interchange at MD 216 (Construction Program)
 MD 216 Relocated, I-95 to US 29 (Construction Program)

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	1455	5786	5172	0	0	NHS

STATUS: Final Engineering and Right-of-Way underway. Construction to begin during current fiscal year. Howard County to fund approximately 40 percent of Engineering, Right-of-way and Construction at a cost of \$10 million. The funding shown is SHA share only.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: The cost decrease of \$1.6 million is based on the reduction in the cost of the MD 32 bridge over the Little Patuxent River.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☒ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	159	159	0	0	0	0	0	0	0	0
Engineering	1,338	1,283	55	0	0	0	0	0	55	0
Right-of-way	4,823	533	2,970	990	330	0	0	0	4,290	0
Construction	15,157	0	1,777	7,065	6,315	0	0	0	15,157	0
Total	21,477	1,975	4,802	8,055	6,645	0	0	0	19,502	0
Federal-Aid	16,175	416	3,772	6,558	5,429	0	0	0	15,759	0

FUNCTION :

STATE - Principal Arterial

FEDERAL - Freeway / Expressway

STATE SYSTEM : Primary

DAILY TRAFFIC : (USAGE IMPACTS)

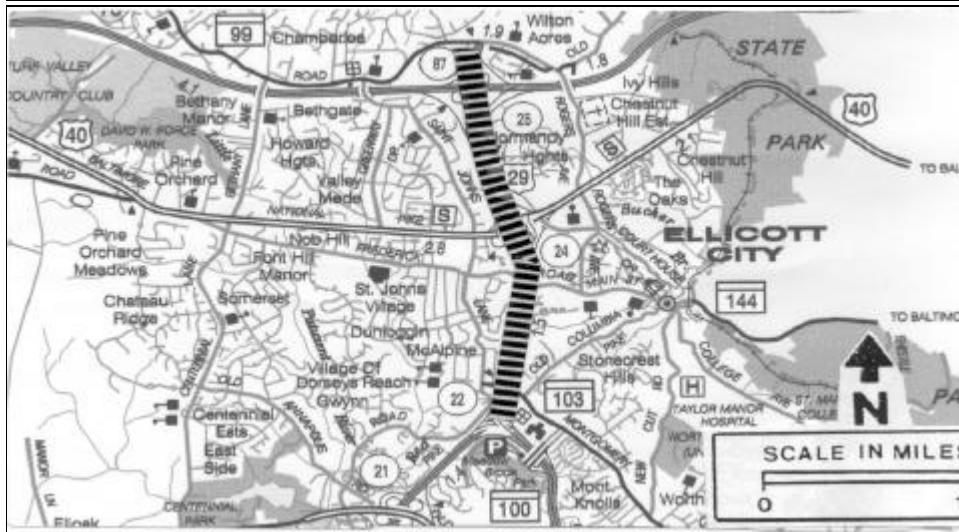
CURRENT (1999) - 60,000 (US 29)
 15,000 (Hopkins/Gorman)

PROJECTED (2020) - 110,000 (US 29)
 27,000 (Hopkins/Gorman)

OPERATING COST IMPACT: \$15,000 per year

STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 4

PRIMARY CONSTRUCTION PROGRAM



PROJECT: US 29, Columbia Pike

DESCRIPTION: This project involves resurfacing portions of US 29 between MD 100 and MD 99, adding an additional lane in each direction between MD 100 and US 40 and widening the ramps to and from MD 100.

JUSTIFICATION: This project will improve safety and relieve congestion in this heavily traveled corridor.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

ASSOCIATED IMPROVEMENTS: US 29, Interchange at MD 216 (Construction Program)
US 29, Interchange at John Hopkins/Gorman Road (Construction Program)

Federal Funding By Year of Obligation						FEDERAL CATEGORY
PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Final Engineering underway. Construction to begin during budget fiscal year. County to contribute \$4.0 million to construction. Funding shown is SHA share only.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added to the Construction Program.

POTENTIAL FUNDING SOURCE:									
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER									
PROJECT CASH FLOW									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL
					.....2003.....	.....2004.....	.....2005.....	.....2006.....	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0
Engineering	1,000	296	400	304	0	0	0	0	704
Right-of-way	1,500	0	0	452	524	524	0	0	1,500
Construction	17,838	0	0	1,321	8,146	8,371	0	0	17,838
Total	20,338	296	400	2,077	8,670	8,895	0	0	20,042
Federal-Aid	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - Principal Arterial

FEDERAL - Freeway / Expressway

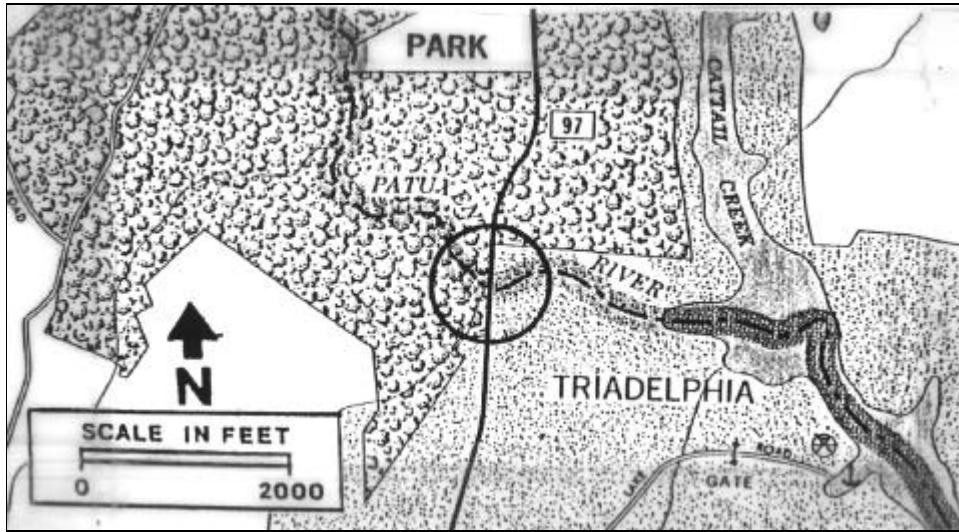
STATE SYSTEM : Primary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 109,000

PROJECTED (2020) - 143,000

OPERATING COST IMPACT: \$8,000 per year



PROJECT: MD 97, Roxbury Mills Road

DESCRIPTION: Replace Bridge 13038 over the Patuxent River.

JUSTIFICATION: This project replaced the existing deteriorating bridge.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input checked="" type="checkbox"/> Grandfathered | |

Federal Funding By Year of Obligation						
PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: None.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	781	781	0	0	0	0	0	0	0	0	0
Right-of-way	35	35	0	0	0	0	0	0	0	0	0
Construction	2,468	2,002	466	0	0	0	0	0	466	0	0
Total	3,284	2,818	466	0	0	0	0	0	466	0	0
Federal-Aid	27	27	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - Minor Arterial

FEDERAL - Minor Arterial

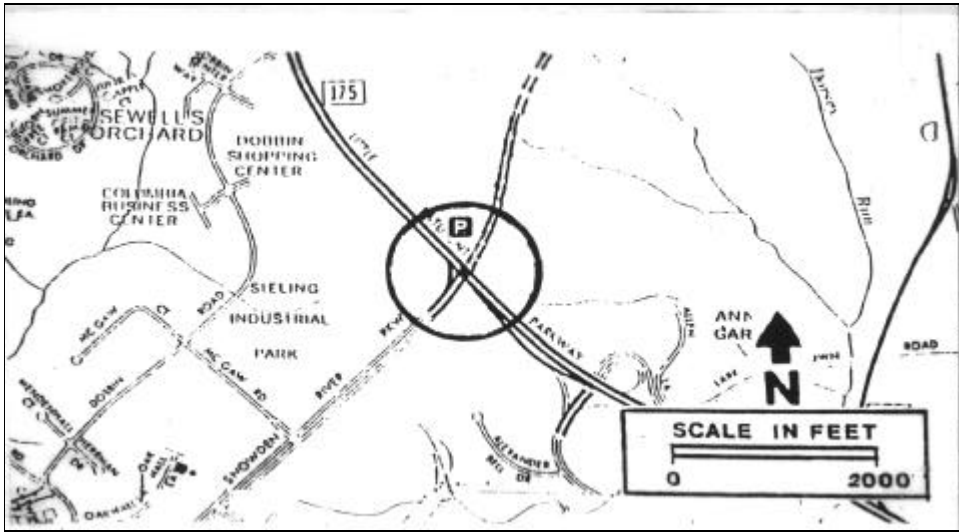
STATE SYSTEM : Secondary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 10,500

PROJECTED (2020) - 18,000

OPERATING COST IMPACT: N/A



PROJECT: MD 175, Little Patuxent Parkway

DESCRIPTION: Construct a new interchange at Snowden River Parkway. Wide curb lanes will accommodate bicycles.

JUSTIFICATION: This improvement will provide relief for existing traffic as well as provide for anticipated traffic growth.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Construction underway. Final Engineering and Construction funded by Howard County at a cost of approximately \$14.0 million.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: None.

POTENTIAL FUNDING SOURCE:

☐ SPECIAL ☐ FEDERAL ☐ GENERAL ☒ OTHER

PROJECT CASH FLOW

PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2000			2003	2004	2005	2006	2007		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - Intermediate Arterial

FEDERAL - Freeway - Expressway

STATE SYSTEM : Secondary

DAILY TRAFFIC : (USAGE IMPACTS)

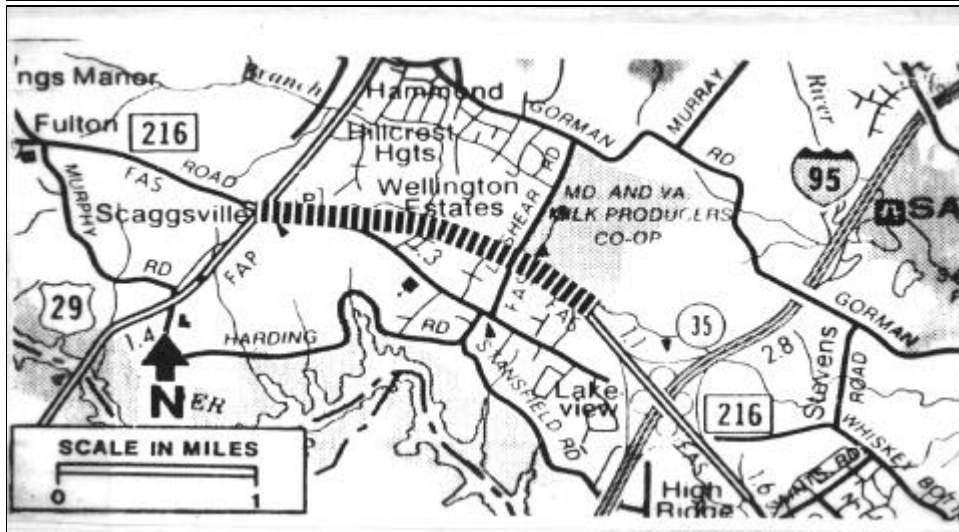
CURRENT (1999) - 57,000 (MD 175)
31,750 (Snowden River)

PROJECTED (2020) - 65,000 (MD 175)
39,000 (Snowden River)

OPERATING COST IMPACT: \$23,000 per year

STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 7

SECONDARY CONSTRUCTION PROGRAM



PROJECT: MD 216 Relocated, Scaggsville Road

DESCRIPTION: Construct a 6 lane highway on new location to replace existing MD 216 from west of I-95 to US 29 (2.60 miles). Wide curb lanes will accommodate bicycles. Includes sidewalks where appropriate.

JUSTIFICATION: MD 216 is a minor arterial serving southern Howard County. The existing roadway is geometrically deficient and discontinuous, utilizing a short section of a county road. The new roadway will provide a continuous adequate arterial highway between I-95 and US 29.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input checked="" type="checkbox"/> Grandfathered | |

ASSOCIATED IMPROVEMENTS:

US 29, Interchange at MD 216 (Construction Program)
US 29, Interchange at John Hopkins / Gorman Road (Construction Program)

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Final Engineering and Right-of-way underway. Howard will contribute funding towards construction of the 5th. and 6th. Lanes.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added to the Construction Program from the Development and Evaluation Program.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☒ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	138	138	0	0	0	0	0	0	0	0
Engineering	3,139	1,752	800	587	0	0	0	0	1,387	0
Right-of-way	2,860	2,468	1	391	0	0	0	0	392	0
Construction	22,450	0	0	0	4,011	6,995	7,219	4,225	22,450	0
Total	28,587	4,358	801	978	4,011	6,995	7,219	4,225	24,229	0
Federal-Aid	2,231	1,925	1	305	0	0	0	0	306	0

FUNCTION :

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM : Secondary

DAILY TRAFFIC : (USAGE IMPACTS)

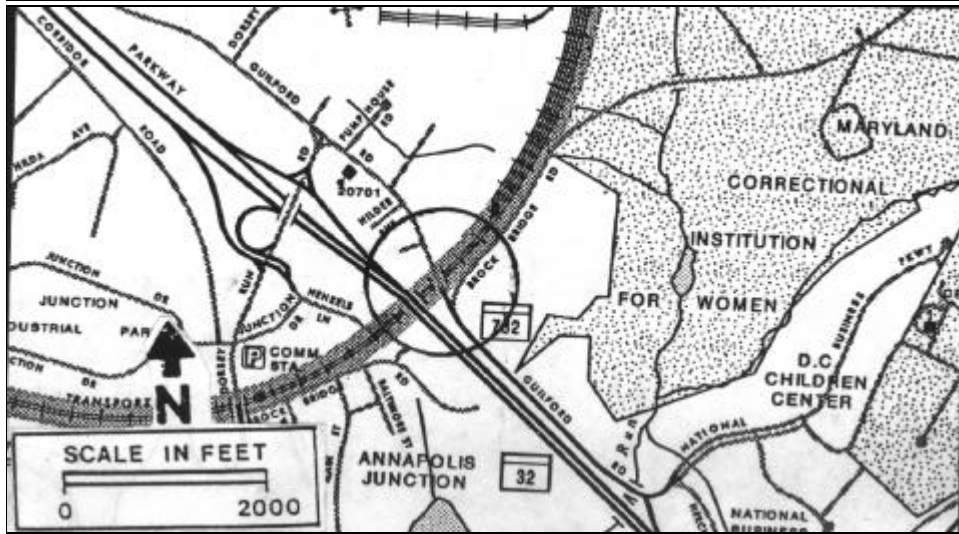
CURRENT (1999) - 16,500 (existing MD 216)

PROJECTED (2020) - 46,500

OPERATING COST IMPACT: \$13,000 per year

STATE HIGHWAY ADMINISTRATION -- Howard County -- Line 8

SECONDARY CONSTRUCTION PROGRAM



PROJECT: MD 732, Guilford Road

DESCRIPTION: Replace Bridge 13029 over CSX Railroad.

JUSTIFICATION: This project will replace the existing deteriorating bridge.

SMART GROWTH STATUS:

- | | |
|---|--|
| <input type="checkbox"/> Project Not Location Specific or Location Not Determined | <input type="checkbox"/> Project Outside PFA; Subject to Exception |
| <input checked="" type="checkbox"/> Project Within PFA | <input type="checkbox"/> Exception Approved by BPW/MDOT |
| <input type="checkbox"/> Grandfathered | |

Federal Funding By Year of Obligation						
PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Final Engineering underway. Construction to begin during budget fiscal year. State Highway Administration, Anne Arundel County and Howard County are sharing the cost of construction. Costs shown are SHA share only. Project to be advertised by Howard County.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Construction delayed from FY01 to FY02 to allow additional time for roadway connection design by Howard County. The cost increase of \$0.6 million is based on adding a lane and sidewalks to the project at the request of Howard County.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2003.....	.....2004.....	.....2005.....	.....2006.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	184	36	100	48	0	0	0	0	148	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	1,136	0	0	1,136	0	0	0	0	1,136	0	0
Total	1,320	36	100	1,184	0	0	0	0	1,284	0	0
Federal-Aid	144	28	78	38	0	0	0	0	116	0	0

FUNCTION :

STATE - Local

FEDERAL - Local

STATE SYSTEM : Secondary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 13,000

PROJECTED (2020) - 27,000

OPERATING COST IMPACT: N/A

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
<u>Fiscal Year 2000 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1	MD 32	Sykesville Road; Linden Church Road to Ten Oaks Road; resurface	714	Completed
2	MD 32	Sykesville Road; Rosemary Lane to MD 144; resurface	416	Completed
3	MD 94	Woodbine Road; 0.04 mile north of A. E. Mullinix Road to Old Frederick Road; resurface	290	Completed
4	MD 103	Dorsey Road/Meadow Ridge Road; Anne Arundel County Line to Montgomery Road; resurface	681	Completed
5	MD 175	Waterloo Road; Ramps off I 95 to traffic signal at MD 175; resurface	186	Completed
6	MD 216	Scaggsville Road; Brown Bridge Road to MD 108; resurface	188	Completed
<u>Environmental Preservation</u>				
7		Various Interchanges; US 29 at MD 108, MD 175 at Snowden River Parkway and MD 175 at Gateway Drive; landscape	69	Completed
<u>Fiscal Years 2001 and 2002</u>				
<u>Resurface/Rehabilitate</u>				
8	US 29	Columbia Pike; MD 175 to Broken Land Parkway; resurface southbound roadway	2,237	FY 2001
9	US 29	Columbia Pike; South of MD 108 to south of MD 175; resurface	2,200	FY 2002

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
<u>Fiscal Years 2001 and 2002 (cont'd)</u>				
<u>Bridge Replacement/Rehabilitation</u>				
10	I 70	Eisenhower Memorial Highway/Baltimore National Pike; East of Frederick to Baltimore County Line; deck overlay for 12 bridges in Carroll, Frederick and Howard Counties (Note: Cost for entire project shown in Carroll, Frederick and Howard Counties.)	6,515	Under construction
11	I 95	Bridge 13064 over CSX Transportation; deck overlay	750	Under construction
12	I 95	I 95/I 495 (Capital Beltway) to I 695 (Baltimore Beltway); deck overlays (Note: Cost for entire project shown in Baltimore, Howard and Prince George's Counties.)	10,000	FY 2002
<u>Safety/Spot Improvement</u>				
13	US 1	Washington Boulevard; MD 175 to Dorsey Road; widen to 5 lanes and resurface	2,406	Under construction
14	US 1	Washington Boulevard; at MD 175; intersection improvements and sidewalks	861	FY 2001
15	US 1	Washington Boulevard; at Guilford Road; modify MD 32 westbound off-ramp terminus	520	FY 2001
16	US 1	Washington Boulevard; Crestmount Road/Assateague Drive to 600 feet south of Cherry Tree Business Park; widen to create center left turn lane	1,845	Under construction
17	US 29	Columbia Pike; MD 100 to I 70; safety improvements (Funded for preliminary engineering only)	1,000	PE Underway
18	US 40	Baltimore National Pike; St. John's Lane to Ridge Road; median widening on eastbound roadway	540	Completed
19	I 95	Approximately 350 feet north of I 895; drainage improvement	157	FY 2002
20	MD 99	Old Frederick Road; at Mt. Hebron Drive and Maple Rock Drive; provide bypass lanes (Funded for preliminary engineering only)	188	PE Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

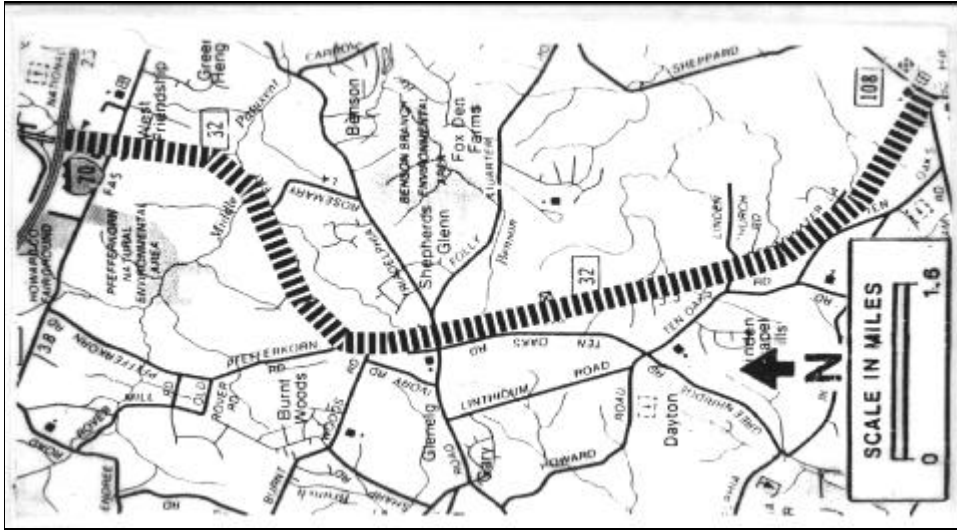
STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
<u>Fiscal Years 2001 and 2002 (cont'd)</u>				
<u>Safety/Spot Improvement (cont'd)</u>				
21	MD 144A	Frederick Road; at Bushy Park Road; widen and resurface (includes re-alignment of Bushy Park Road)	229	Under construction
22	MD 175	Patuxent Parkway; at US 29; realign ramp from westbound MD 175 to northbound US 29	1,549	Under construction
<u>Noise Barriers</u>				
23	US 29	Columbia Pike; 500 feet south of Broken Land Parkway to 4,400 feet south of Broken Land Parkway; noise barrier along southbound roadway (Atholton Manor) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,711	
24	US 29	Columbia Pike; 1,000 feet north of MD 175 to Diamondback Road; noise barrier along northbound roadway (Guilford Downs) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,047	
25	US 29	Columbia Pike; 500 feet northeast of Seneca Drive to 800 feet southwest of Broken Land Parkway; noise barrier along northbound roadway (Allview Estates) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	1,854	
26	US 29	Columbia Pike; MD 108 interchange to 1,792 feet north of MD 108 (Columbia Hills); noise barrier	1,449	FY 2001
27	I 70	St. Johns Lane to US 29; noise barrier along westbound roadway (Brinkleigh/Skyview/The Orchards) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	2,430	
28	I 95	2,400 feet south of Montgomery Road to 400 feet south of Montgomery Road; noise barrier along northbound roadway (Hunt Club Estates) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2004)	935	
29	I 95	Patuxent River Bridge to 2,200 feet south of MD 216; noise barrier along northbound roadway (Highridge) (Note: Preliminary engineering to begin in Fiscal Year 2002, construction in Fiscal Year 2003)	1,790	

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- HOWARD COUNTY LINE 9 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2000
<u>Fiscal Years 2001 and 2002 (cont'd)</u>				
<u>C.H.A.R.T. Projects</u>				
30	I 70	MD 97 to US 40; install dynamic traveler alert signs for advanced traffic management system	80	Under construction
31	I 95	I 695 to I 95/I 495; install variable message signs, traffic detectors and traveler alert signs for advanced traffic management (Note: Cost for entire project shown in Howard, Baltimore and Prince George's Counties.)	944	Under construction
<u>Environmental Preservation</u>				
32	MD 32	Sykesville Road; MD 108 overpass to 950 feet west; landscape	23	Completed
33	I 95	At northbound and southbound rest areas; provide improvements to pavement, grounds and structures	487	FY 2001
<u>Intersection Capacity Improvements</u>				
34	MD 32	Sykesville Road; at MD 99; widen southbound to provide 2 thru lanes and an acceleration lane from the intersection to the Park and Ride lot and add right turn lane on eastbound Old Frederick Road	1,000	FY 2002
<u>Enhancements</u>				
<u>Pedestrian/Bicycle Facilities</u>				
35		Centennial Access Pathway - Construction of a .5 mile pathway and boardwalk from Old Annapolis Road to Centennial Park at Woodland Road.	250	FY 2002
36		Howard County Spinal Pathway Phase IIIb - Construction of a 2.0 mile pathway from the B&O Railroad Bridge to Lake Elkhorn.	1,046	FY 2001



PROJECT: MD 32, Patuxent Freeway

DESCRIPTION: Study to upgrade existing MD 32 from MD 108 to I-70 to address safety concerns (9.06 miles).

JUSTIFICATION: This project would address safety problems which have been experienced as a result of increasing traffic volumes on the existing 2 lane roadway.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☒ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

MD 32, US 29 to Broken Land Parkway (Construction Program)

Federal Funding By Year of Obligation

PHASE	FFY 2001	FFY 2002	FFY 2003	FFY 2004	FFY 2005 - 2006	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Project Planning underway.

SIGNIFICANT CHANGE FROM FY 2000 - 05 CTP: Added Right-of-way funding for protective buying.

POTENTIAL FUNDING SOURCE:

☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PROJECT CASH FLOW

PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2000	CURRENT YEAR 2001	BUDGET YEAR 2002	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2003.....	.....2004.....	.....2005.....	.....2006.....		
Planning	1,992	1,569	223	200	0	0	0	0	423	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	379	9	370	0	0	0	0	0	370	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,371	1,578	593	200	0	0	0	0	793	0
Federal-Aid	1,394	1,098	156	140	0	0	0	0	296	0

FUNCTION :

STATE - Minor Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM : Primary

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (1999) - 20,000

PROJECTED (2020) - 42,000

OPERATING COST IMPACT: N/A